

2923-0562

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
 Hideki ICHIKAWA et al.)
)
 Serial No. New Application) Examiner: Unassigned
)
 Filed: Herewith) Group Art Unit: Unassigned
)
 For: LYOPHILIZED COMPOSITION OF BONE MORPHOGENETIC FACTOR
 HUMAN MP52 })

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

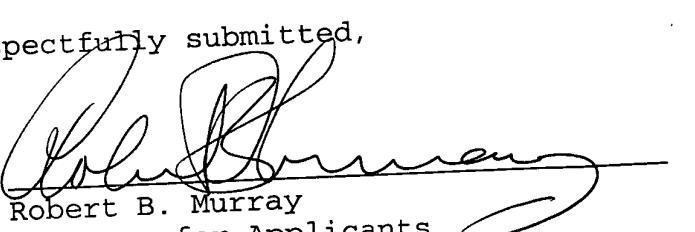
Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant submits herewith Form PTO-1449 listing publications
that the Office may wish to consider in examination of the
subject application.

Pursuant to 1.98(d), copies of the references are not
included because they were previously submitted to the Office in
prior application Serial No. 09/355,551, filed 21 September 1999.

Respectfully submitted,

By


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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number	New Application
Filing Date	22 September 2003
First Named Inventor	Hideki ICHIKAWA
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2923-0562

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1.	5,037,644		SHAKED ET AL	08-06-1991
	2.	5,171,579	A	RON ET AL	12-15-1992
	3.	5,464,614	A	MEYER	11-07-1995
	4.	5,597,897	A	RON ET AL	01-28-1997

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind ⁵ Code (if known)			
	5.	EP	0 567 391	A1	BRISTOL-MYERS SQUIBB COMPANY	10-27-1993	
	6.	EP	0 597 101	A1	HAGIWARA HIDEAKI	05-18-1994	
	7.	WO	93/16098	A1	SMITH-KLINE BEECHAM CORPORATION	08-19-1993	
	8.	WO	93/16099	A2	BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHENENTWICKLUNG VON PHARMAKA MBH	08-19-1993	
	9.	WO	96/29095	A1	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	09-26-1996	
	10.	WO	96/33215	A1	HOECHST JAPAN LIMITED	10-24-1996	
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				Application Number	New Application
				Filing Date	22 September 2003
				First Named Inventor	Hideki ICHIKAWA
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	2923-0562
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
	11.	Avis, K.E., "Parenteral Preparations" Remington's Pharmaceutical Sciences, Mack Pub Co., Easton, Pennsylvania, 1990, 18 th Edition, Chapter 84, pp. 1545 and 1565-1566.			
Examiner Signature				Date Considered	

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